

CONTROL METHOD FOR END-SEALING TIME IN BAG-MAKING-FILLING-PACKAGING MACHINE

Patent number: JP10297619
 Publication date: 1998-11-10
 Inventor: TAKIGAWA SADAOMI
 Applicant: KAWASHIMA PACKAGING MACH
 Classification:
 - international: **B65B51/30; B65B51/26;** (IPC1-7): B65B57/00;
 B65B9/20; B65B51/14
 - european: B65B51/30C
 Application number: JP19970121518 19970425
 Priority number(s): JP19970121518 19970425

Also published as:

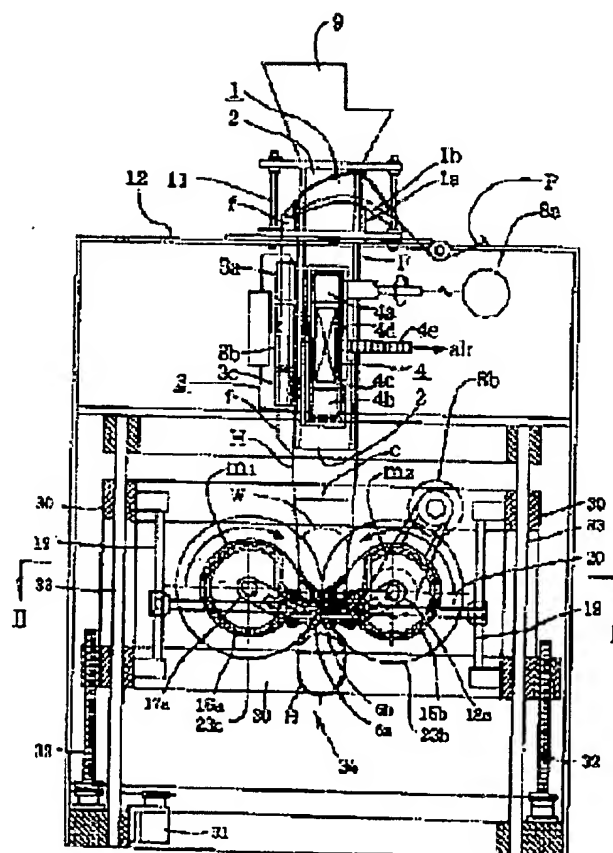
EP0915015 (A1)
 WO9849060 (A1)
 US6178726 (B1)
 CN1224396 (C)
 CN1165453C (C)

more >>

Report a data error here

Abstract of JP10297619

PROBLEM TO BE SOLVED: To provide a firm sealing by a method wherein when a lateral sealing is performed after longitudinally sealing film both edges of a packaging film, a box motion is formed by a servo motor, and a sealing time in one cycle of a specified period of time based on a sealing distance, is controlled in a manner to become relatively longer. **SOLUTION:** A packaging film F is folded in a manner to wrap a product filling cylinder 2, and the film both edges are longitudinally sealed by a longitudinal sealing device 3, and a packaging cylinder H is obtained, and then, the packaging cylinder H is pulled down by a feeding device 4, and the filling of a content, and a lateral sealing and a cutting are performed. At the time of this packaging work, to a lateral sealer-cutter 5, a box motion is imparted by following a pair of cam curves m1, m2 with a servo motor 8b as the power source, and in this case, a returning time from a lateral sealing completion position to a lateral sealing starting position is quickened, and in the meantime, the lowering speeds of the packaging cylinder H and the lateral sealer-cutter 5 in the lateral sealing section are made slower, and thus, the sealing time is made relatively longer, and the sealing strength is increased.



Data supplied from the esp@cenet database - Worldwide